

# Exhibit B

## REVISION HISTORY

### OVERVIEW

### PROPOSED COMMANDS

RU 1.0 DISPLAY HEALTH TRACK PAGE	3
<i>ISLXmlControl.LoginUser</i>	4
RU 1.1A ENTER NEW HEALTH DATA	4
<i>ISLXmlControl.SetHealthData</i>	5
RU 1.1B CREATE NEW USER	5
<i>ISLXmlControl.CreateUser</i>	6
RU 1.1C ENTER NEW USER DATA	6
<i>ISLXmlControl.SetUserData</i>	6
RU 1.2 VIEW BLOOD PRESSURE CHART	6
<i>ISLXmlControl.GetIdealBPRanges</i>	7
<i>ISLXmlControl.GetBloodPressureReadings</i>	7
RU 1.3 VIEW PULSE CHART	8
<i>ISLXmlControl.GetPulseReadings</i>	8
RU 1.4 VIEW WEIGHT CHART	8
<i>ISLXmlControl.GetWeightReadings</i>	9
RU 1.5 VIEW USER DATA	9
<i>ISLXmlControl.GetUserData</i>	10
RU 1.6A VIEW PASSWORD REMINDER	10
<i>ISLXmlControl.GetPasswordReminder</i>	11
RU 1.6B CHANGE PASSWORD	11
<i>ISLXmlControl.ChangePassword</i>	11
RU 2.0 / GU1.0 LOCATE SLMD BLOOD PRESSURE MONITOR	11
<i>ISLXmlControl.GetSLMDLocations</i>	12

# Revision History

<b>Created by:</b>	Michael Panciroli
	August 23, 1999
<b>Modified by:</b>	Michael Panciroli
	August 26, 1999
	Spoke w/Billy from SL and modified parameter information based on SL Database requirements
<b>Modified by:</b>	Zia Quadri (Spacelabs)
	August 27, 1999
	Added new SL commands for creating user login and storing user biographics information. Modified the parameters returned by the commands according to the SL conventions.
<b>Modified by:</b>	Zia Quadri (Spacelabs)
	August 30, 1999
	Added new SL commands for fetching password reminder phrase and changing user password. Modified user biographics parameter information.

# Overview

These are proposed commands for the Spacelab's ISLXmlControl Interface. These commands reflect the data requirements for the use cases included in the Business Requirements document for the Spacelabs website. This document is titled "proposed" because we suspect that spacelabs will suggest existing ISLXmlControl commands that will satisfy some or all of the requirements listed below. The command and parameter names chosen are to be taken as a suggestion only. Bowne will be happy to use command names more suitable with the existing Spacelab convention. Any modifications to command/ parameter names or existing command alternatives should be represented in this document by Spacelabs as formal reply to Bowne.

## Proposed Commands

### RU 1.0 Display Health Track Page

ISLXmlControl.LoginUser			
Input	Parameter	Description	
	user_login	User name	
	password	User password	
Output	Parameter	Description	
	strResult	Returns the following data if successful:	
		Cpi_id	System ID assigned by Spacelabs
		Effective_dt	N.A
		Expiration_dt	N.A
		Vip	N.A
		Encounter	N.A
		System	N.A
		Hcp	N.A
	strError	Returns Null if successful Returns an Error Message if failed.	

## Sample Call

### Command Format:

```
<command name = "login_user">
  <parm name = "user_login">JohnD</parm>
  <parm name = "password">JohnD123</parm>
</command>
```

### Result Format:

```
<loginuser>
  <cpu_id>1</cpu_id>
  <effective_dt></effective_dt>
  <expiration_dt></expiration_dt>
  <security_masks>
    <vip></vip>
    <encounter></encounter>
    <system></system>
    <hcp></hcp>
  </security_masks>
</loginuser>
```

### Notes:

1. Registration page is not part of this phase. This merely returns true if a member is registered.

## RU 1.1a Enter New Health Data

IED\mlControl.SetHealthData

Input	Parameter	Description
	user_id	System ID assigned by Spacelabs
	month	Month of reading
	day	Day of reading
	year	Year of reading
	systolicBP	Systolic blood pressure reading
	diastolicBP	Diastolic blood pressure reading
	pulse	Resting pulse
	weightlbs	Weight in lbs.
Output	Parameter	Description
	strResult	Returns Null.

	bstrError	Returns Null if successful Returns an Error Message if failed.
<b>Sample Call</b>		
<b>Notes:</b>		

## RU 1.1b Create New User

ISLXmlControl.CreateUser		
Input	Parameter	Description
	user_login	User Name (Max Length : 20)
	password	User Password (Max Length : 14)
Output	Parameter	Description
	strResult	Returns UserID under the tag "user_id" if successful. Returns Null if failed.
	bstrError	Returns Null if successful Returns an Error Message if failed.
<b>Sample Call</b>		
<b>Notes:</b>		
(None)		

## RU 1.1c Enter New User Data

ISLXmlControl.SetUserData		
Input	Parameter	Description
	user_id	System ID assigned by Spacelabs
	prefix	Prefix (Max Length : 10)
	last_name	Last Name (Max Length : 30)
	first_name	First Name (Max Length : 20)
	middle_name	Middle Name (Max Length : 20)
	nick_name	Nick Name (Max Length : 20)
	suffix	Suffix (Max Length : 10)
	ssn	Social Security Number (Max Length : 15)
	dl_number	Drivers License Number (Max Length : 20)

	dob	Date of Birth
	gender	Gender (See notes below)
	race	Race (Max Length : 15)
	email_address	Email Address (Max Length : 40)
	street1	Street Address line 1 (Max Length : 40)
	street2	Street Address line 2 (Max Length : 40)
	city	City (Max Length : 30)
	county	County (Max Length : 20)
	state	State (Max Length : 25)
	country	Country (Max Length : 20)
	zip	Zip Code (Max Length : 15)
	home_phone	Home phone Number (Max Length : 20)
	work_phone	Work phone Number (Max Length : 20)
	cell_phone	Cell phone Number (Max Length : 20)
	fax_phone	Fax Number (Max Length : 20)
	password_reminder	Password reminder phrase (Max Length : 255)
<b>Output</b>	<b>Parameter</b>	<b>Description</b>
	strResult	Returns Null.
	bstrError	Returns Null if successful Returns an Error Message if failed.
<b>Sample Call</b>		
<b>Notes:</b> The accepted values of parameter Gender are : "Male" or "Female"		

## RU 1.2 View Blood Pressure Chart

ISLXmlControl.SetIdealBP Ranges			
Input	Parameter	Description	
Output	Parameter	Description	
	strResult	Returns the following data if successful:	
		LowSystolic	Lower value of systolic BP reading
		HighSystolic	High value of systolic BP reading
		LowDiastolic	Lower value of diastolic BP reading
		HighDiastolic	High value of diastolic BP reading

	bstrError	Returns Null if successful Returns an Error Message if failed.
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#### Sample Call

#### Notes:

1. This command will satisfy the requirement that the ranges can change without presentation modification.

### ISLXmControl.GetBloodPressureReadings

Input	Parameter	Description	
	user_id	system ID assigned by Spacelabs	
Output	Parameter	Description	
	strResult	Returns the following data if successful:	
		month day year systolicBP diastolicBP	Month of the reading Day of the reading Year of reading Systolic blood pressure reading Diastolic blood pressure reading
	bstrError	Returns Null if successful Returns an Error Message if failed.	

#### Sample Call

#### Notes:

1. Assume command results are a table tag encapsulating rows each encapsulating columns per reading.

## RU 1.3 View Pulse Chart

### ISLXmControl.GetPulseReadings

Input	Parameter	Description
	User_id	system ID assigned by Spacelabs
Output	Parameter	Description
	strResult	Returns the following data if successful:



		month day year	Month of the reading Day of the reading Year of reading
		pulse	Resting pulse
	bstrError	Returns Null if successful Returns an Error Message if failed.	
Sample Call			
Notes:			
1. Assume command results are a table tag encapsulating rows each encapsulating columns per reading.			

## RU 1.4 View Weight Chart

ISLXmlControl.GetWeightReadings			
Input	Parameter	Description	
	user_id	system ID assigned by Spacelabs	
Output	Parameter	Description	
	strResult	Returns the following data if successful:	
		month day year weightlbs	Month of the reading day of the reading year of reading weight in lbs.
	bstrError	Returns Null if successful Returns an Error Message if failed.	
Sample Call			
Notes:			
1. Assume command results are a table tag encapsulating rows each encapsulating columns per reading.			

## RU 1.5 View User Data

ISLXmlControl.GetUserData

Input	Parameter	Description	
	user_id	System ID assigned by Spacelabs	
Output	Parameter	Description	
	strResult	Returns the following data if successful:	
		prefix last_name middle_name first_name nick_name suffix ssn dl_number dob gender race email_address street1 street2 city state county country zip home_phone work_phone cell_phone fax_phone password_reminder	user Prefix user last name user middle name user first name user nick name user suffix social security number drivers license number date of birth gender race email address Street address line 1 Street address line 2 City State county Country Zip code Home phone number Work phone number Cell phone number Fax number Password reminder phrase
	bstrError	Returns Null if successful. Returns an Error Message if failed.	
Sample Call			
Notes: (NULL)			

## RU 1.6a View Password Reminder

ISLXmiControl.GetPasswordReminder

Input	Parameter	Description
	user_login	User name
Output	Parameter	Description
	strResult	Returns the following data if successful:
	password_reminder	Password reminder phrase
	bstrError	Returns Null if successful Returns an Error Message if failed.

### Sample Call

#### Notes:

1. Assume command results are a table tag encapsulating rows each encapsulating columns per reading.

## RU 1.6b Change Password

ISLXmiControl.ChangePassword

Input	Parameter	Description
	user_id	system ID assigned by Spacelabs
	old_password	Old password
	new_password	New password (Max Length : 14)
Output	Parameter	Description
	strResult	Returns Null
	bstrError	Returns Null if successful. Returns an Error Message if failed.

### Sample Call

#### Notes:

1. Assume command results are a table tag encapsulating rows each encapsulating columns per reading.

## RU 2.0 / GU1.0 Locate SLMD Blood Pressure Monitor

CEXmiControl.GetSLMDLocation

Input	Parameter	Description														
	zip	origination zip														
Output	Parameter	Description														
	strResult	Returns the following data if successful:														
		<table><tr><td>name</td><td>Store name</td></tr><tr><td>street1</td><td>Street address line 1</td></tr><tr><td>street2</td><td>Street address line 2</td></tr><tr><td>city</td><td>City</td></tr><tr><td>state</td><td>State</td></tr><tr><td>country</td><td>Country</td></tr><tr><td>zip</td><td>Zip code</td></tr></table>	name	Store name	street1	Street address line 1	street2	Street address line 2	city	City	state	State	country	Country	zip	Zip code
		name	Store name													
street1	Street address line 1															
street2	Street address line 2															
city	City															
state	State															
country	Country															
zip	Zip code															
bstrError	Returns Null if successful Returns an Error Message if failed.															

<b>Sample Call</b>	
<b>Notes:</b>	
1. Assume command results are a table tag encapsulating rows each encapsulating columns per reading.	
2. Spacelabs is able to return stores for a given zip code. The mapping software will be used to gain additional information, e.g. distance from source.	